



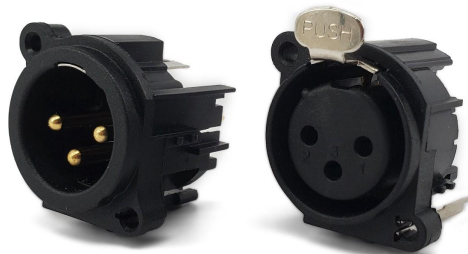
AUDIO
TECHNOLOGIES®

XLR CHASSIS CONNECTORS

3 PIN E SERIES - VERTICAL PCB MOUNT

Locking vertical PCB Mount 3 pin chassis connector with plastic body for audio and lighting control.

Other Available Mounting Option: Horizontal PCB Mount



IO-XLR3-M-EV

IO-XLR3-F-EV

SPECIFICATIONS

PRODUCT

Gender: **Male (IO-XLR3-M-EV)**

Female (IO-XLR3-F-EV)

Contacts: **3**

ELECTRICAL

Capacitance Between Contacts: ≤ 2 pF

Capacitance Between Contact and Ground: ≤ 2.5 pF

Contact Resistance: < 6 m Ω

Insulation Resistance: ≥ 5000 M Ω

Dielectric Strength: **1500V @ 60s**

Current Rating: **6 A / 50 V AC**

Grounding: **Separate Ground Pin. Grounds to Panel.**

ENVIRONMENTAL

Standard Compliance: **IEC 61076-2-103**

UL Flammability: **Meets UL 94 HB**

Temperature Range: **-40°C ~ +70° C (-40°F ~ +158°F)**

MECHANICAL

Lifetime: **> 1000 Mating Cycles**

Wiring: **Vertical PCB Mount**

Locking Device: **Latch Lock**

Mounting Direction: **Rear**

Solderability: **Complies with IEC 60068-2-20**

MATERIAL

Contacts: **Brass**

Contact Plating: **.05 μ m Au**

Ground Terminal: **Brass**

Ground Terminal Finish: **Nickel**

Shell: **PA**

Shell Finish: **Black**

Push Button: **Stainless Steel**

Push Button Finish: **Nickel**

Latch: **Stainless Steel**

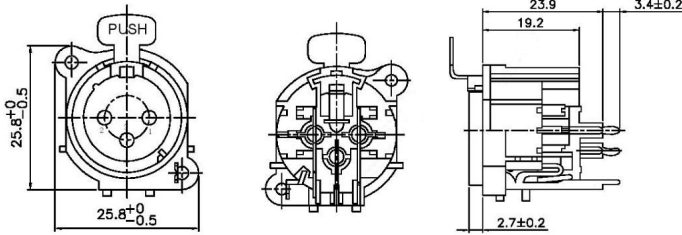
Latch Finish: **Nickel**

Product specifications may change without prior notification

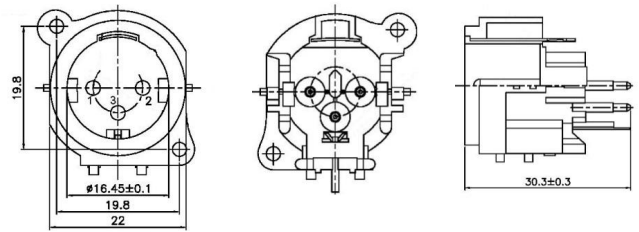


DRAWINGS

IO-XLR3-F-EV



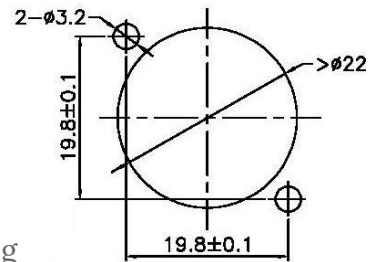
IO-XLR3-M-EV



FEATURES & APPLICATIONS

E Series XLR chassis connectors offer the most cost-effective solution for design-in applications where the termination method is to a printed circuit board. The small footprint makes this our XLR receptacle with the highest packing density available. These connectors feature a compact all plastic housing with precision machined, one piece, gold plated contacts to help prolong the useful life of the connectors. They also come with a separate nickel plated ground pin that grounds the connector to the panel. The compact form factor of these connectors makes them perfect for situations where space saving is a priority or space for a connector is limited. Available in 3 or 5 pin, Male or Female variations with options for vertical or horizontal PCB mounting.

Panel Cutout



PART NUMBER BREAKDOWN:

- IO-XLR3-M-EV
Series Identifier
- IO-XLR3-M-EV
Number of Pins
- IO-XLR3-M-EV
Gender
- IO-XLR3-M-EV
Series Identifier
- IO-XLR3-M-EV
Series Identifier
- V = Vertical PCB Mount
- H = Horizontal PCB Mount

STANDARDS & CLASSIFICATIONS



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